

# CHILDREN'S NEWSPAPER

Every Wednesday—Sixpence

FOUNDED BY ARTHUR MEE

Week Ending 14th December, 1963



## IS THIS WHAT HAPPENED?

Our artist has tried to imagine how the treasure of gold coins reached its hiding-place. Perhaps the tribute money was being sent under armed guard to a meeting-place with the Huns when it was set upon by brigands. While the guard tried to hold off the attackers, two or three men hurriedly buried the money. Perhaps they were killed soon afterwards. And the treasure lay undiscovered for about 15 centuries—until the other day.

## GOLD COIN MYSTERY

A 43-year-old Hungarian peasant woman, a Mrs. Jozé, has uncovered a treasure of nearly 1,400 Roman gold coins—and a mystery which may never be solved.

She was rummaging among the leaves for cobnuts when she turned up a gold coin. She looked for more, and, when she had found over 1,100 others, sent her two sons-in-law to the National Museum in Budapest with samples.

Experts identified them, hurried to the village, and unearthed another 280 coins, making the total nearly 1,400.

These coins are all solidi (the Latin word which gives us the "s" in £ s. d.). They are of 22-



Mrs. Jozé, the finder

carat gold and in mint condition. The mark, O. B., on them shows that they came from the Byzantium (Constantinople) mint between 420 and 450 A.D.—soon after the period when the Romans left Britain to its fate. They are of five different types, each bearing the portrait

of one of two emperors—Theodosius II or Valentinianus III.

An official of the Hungarian National Museum said:

"During that time the westward invasion of the Huns, from Central Asia, was nearing what is now Hungary, and the Byzantine court tried to buy peace from the Huns with tribute money. When Attila, King of the Huns, came to the throne, this tribute was doubled. Perhaps the find was part of this tribute."

The lucky finder has been awarded the Hungarian equivalent of £2,100.



Some of the Roman gold coins Mrs. Jozé found



# IN BRITAIN NOW



## END OF A LONG MILK ROUND

Three horses which have spent ten years taking milk round the streets of Carlisle have now retired. They are to spend the rest of their days grazing happily—thanks to the gratitude of the milk firm.

An offer of £200 was made for the horses, but the firm turned it down in favour of one of half that figure. The reason was that the £200 offer might involve the horses in further work—or perhaps slaughter; the £100 was the total offered by the two men who between them were prepared to find homes for Tommy, Paddy, and Taffy.

They will not, however, spend their retirement together. Tommy and Paddy have been bought by a Bradford market gardener, while Taffy goes across the border to Gretna, Dumfriesshire.

## SECOND TIME ROUND

"It's all right making a fuss when you're 100—but anything after that is just another birthday."

So said Mrs. Florence Shute of Shirley, Southampton, when celebrating her 101st birthday.



## ARMFUL OF ALLIGATOR

Twelve-year-old Susan Bonny of Blackpool chose an unusual creature to raise as a pet—Alfie, a young South American alligator.

## MUCH ADO ABOUT NOTHING

Kidderminster Rugby Football Club received the usual quarterly electricity bill—but it was for £0 0s. 0d.!

Such a demand was, perhaps not unnaturally, ignored. So the Midlands Electricity Board followed with a demand and a warning that unless the bill was met, the supply would be disconnected. There was also the

## PETER GOES ROUND WITH THE COAL

Lord Robens, chairman of the National Coal Board, has some warming news for us. It seems that our miners are likely to produce 200 million tons of coal this year, a target not expected to be reached until 1965.

This is news which must bring cheer to all coal merchants, particularly to a newcomer to the business—17-year-old Peter Chandler of Eaglescliffe, near Stockton-on-Tees, Durham, who must surely be Britain's youngest coalman.

## Warm Smile

Peter has just received the licence which allows him to drive a three-ton lorry. He will thus be able to deliver to the 250 customers on a round which his father took over from a retiring merchant. He hopes to double that number of customers in due course.

In fact, it shouldn't be too long—Peter's smile is as warm as the glow from a coal fire.

## It seems to me...

### FIGHTING THE MONSTER

THE report recently published about the traffic problem on our roads, and particularly in our cities, referred to "the monster that we love."

The "monster" is the motor-car. We love it, but it can also be a nuisance and a danger—as, of course, can any other form of road transport.

One of the chief sources of danger is the use of badly maintained vehicles—cars with worn tyres, for example, or bicycles with poor brakes. And of course bad driving or riding is another.

Someone who is very much aware of this and who has really done something about it is the boy in my picture this week—14-year-old Michael Corden of Jackson Street, Derby.

Michael is holding the poster with which he won the Derby Schools Road Safety Competition for Rykneld School, where he is a pupil.

The poster is, as you can see, a very striking piece of work, and in fact so impressed the Derby Road



Michael with his poster

Safety Committee that they decided to send it to ROSPA (the Royal Society for the Prevention of Accidents) for possible national reproduction—which means you may soon be seeing it all over the country.

Looking at Michael and his poster again, a thought occurs to me: I only hope he's not going to try to ride his bike with it!

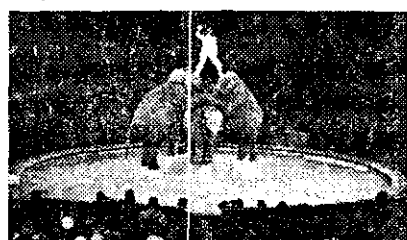
The Editor

## Coming Events



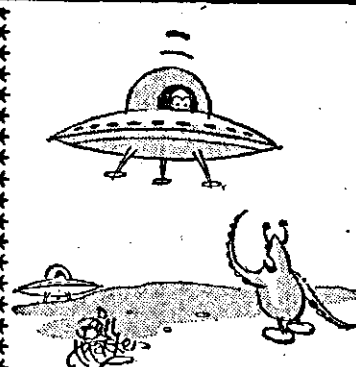
LONDON: It will be barks day at Olympia on 14th December, when the Richmond Championship Dog Show will be held.

LONDON: Princess Margaret and the Earl of Snowdon will be at a Gala Performance of Bertram Mills Circus, Olympia, 19th December.

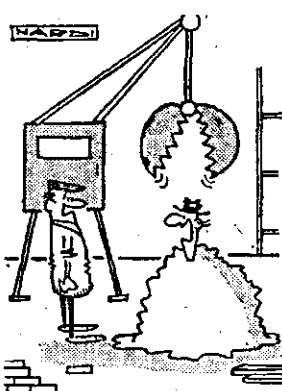


● The Mermaid Theatre, Puddle Dock, is to stage Robert Louis Stevenson's *Treasure Island* from 18th December to 1st February, 1964.

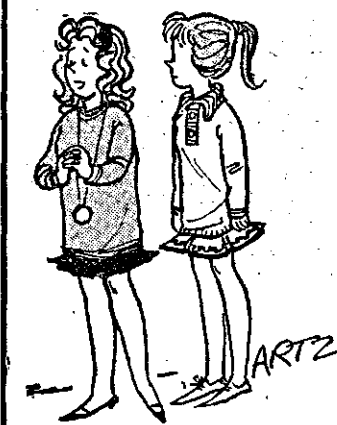
## LAUGH TIME



"Left tentacle down a bit..."



"Write out fifty times—'I must not drop cement on the foreman'!"



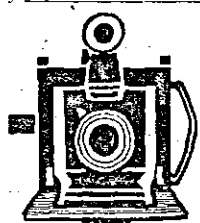
"I just love the way the hair curls on the back of his neck—it's his face I don't much care for."

## SWOOPERS CLUB



OWING to the demands of other vital work in the cause of pet welfare, Petfoods Limited regret to announce that they have reluctantly decided to discontinue the Swoopers Club. Maxwell Knight also regrets that the Club has been forced to cease its activities, but both he and the Company hope that the great interest in wild birds and their welfare will continue amongst members. Unfortunately, however, the Club will be unable to answer correspondence from members after January 31st, 1964.





## KNOW YOUR NEWS

### FOCUS ON SOUTH AFRICA

Look at the map. In this vast area of Southern Africa live some three million whites and about 14 million Africans.

The bulk of this region forms the independent Republic of SOUTH AFRICA.

This country left the Commonwealth in 1961 because of a dispute over *apartheid*, the racial separation policy practised by the (white minority) Nationalist Government of Dr. Hendrik Verwoerd.

Most of the whites are descended from Dutch settlers who, they claim, arrived in South Africa some 300 years ago, before the Bantu (Africans) came down from the north.

Now the recently-independent

#### By our Special Correspondent

African States elsewhere in the continent shrilly demand *uhuru* (freedom) for all their dark-skinned brothers in the south.

Most experts fear this situation could lead to war, as Dr. Verwoerd's government says it is too late to fuse whites and non-whites into one nation.

But some see a ray of hope.

The district called TRANSKEI, in the south-east of Cape Province, has just been given partial self-

government under a non-white Government. This is the first of a number of areas which are to be set aside for dark-skinned people and which will be collectively known as Bantustans.

Soon SOUTH-WEST AFRICA, a territory of some half-a-million controlled by South Africa, will become the second Bantustan.

A very different picture is presented by three other territories shown on the map, for they are British protectorates moving towards full self-government.

They are, of course, survivals from the days when Britain ruled South Africa; countries which, rather than be governed by the Boers (or the Germans) sought British protection.

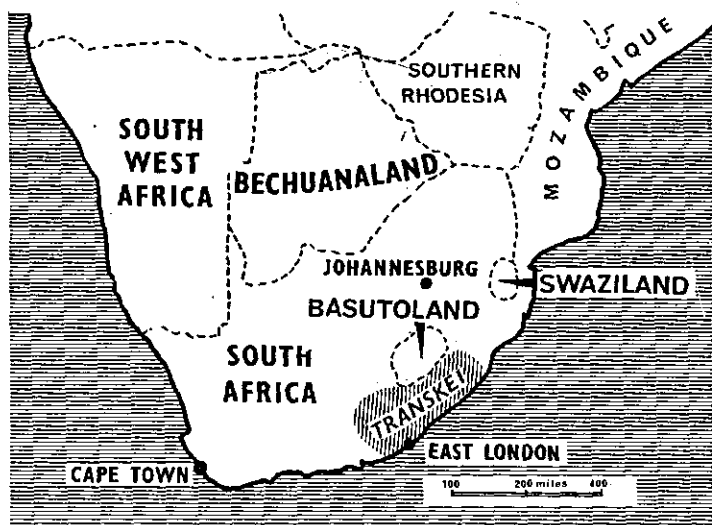
BASUTOLAND (pop. 650,000) is now being pressed by her African nationalists to seek complete independence.

BECHUANALAND (pop. 320,000) is to get home rule this time next year, with Britain still running her defence and foreign policy.

#### Feudal country

SWAZILAND (pop. 230,000) is a feudal country whose king, Sobhuza II, rejects a British plan for parliamentary government because he fears his royal rights will be swept away.

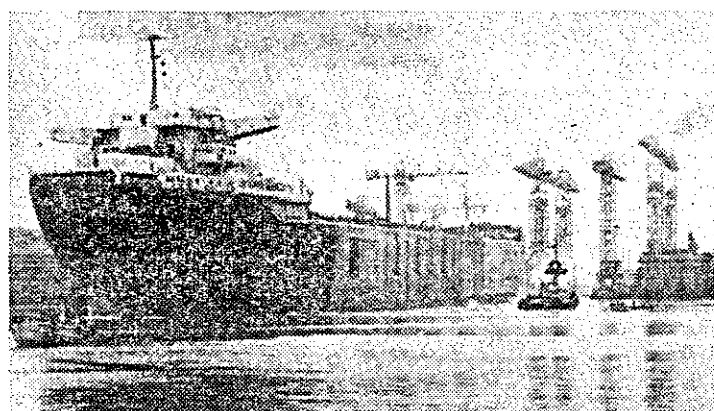
In giving these countries democratic government, Britain hopes to secure them against internal upheavals and interference from outside.



Map showing territories in Southern Africa

## READERS' LETTERS

### LAUNCHED ON HOLIDAY



The biggest tanker ever produced in Britain, the *Rinfonn*

Dear Sir,—In CN dated 16th November, there was an article about the launching of the 85,000-ton ship *Rinfonn* at Harland and Wolff's shipyard, Belfast.

I am sending you a photograph of the launching. I was on my holidays at the time, and went to see it.

Paul Hargreaves, Bollington, near Macclesfield, Cheshire.

Dear Sir,—My grandpa is the vicar of Cardington, Bedfordshire, and lives within a mile of the airfield from which the airship R101 started its journey. (R101 crashed in France on 5th October, 1930.)

The mooring mast has disappeared, but the two hangars

### FAMOUS AIRSHIP AND A COUNTRY CHURCH

remain standing because it would cost £1,000,000 to pull them down. There is talk that they may be turned into sports stadiums.

The R101's own standard (or at least what is left of it, and that is a reasonable amount) is hung up in a frame in the church.

Howard Spencer (10), Windsor, Berkshire.

### INTERESTING JOBS

Dear Sir,—I expect many of the older readers of the CN have had interesting jobs in the holidays.

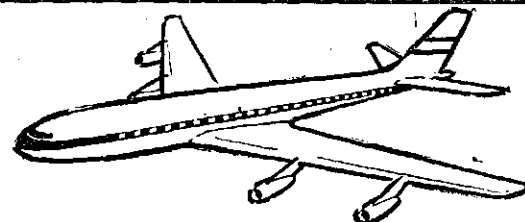
Would it be possible to print these in a new feature? I am sure many readers would be interested to read these accounts.

Margaret Hawkins (15), Herne Bay, Kent.

How about it, you other readers? I would be pleased to publish any sufficiently interesting "jobs" in this column. Editor.

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You'll find many other special features in this big-value Annual—make sure you get yours this Christmas!

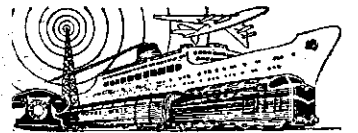
**Princess**  
GIFT BOOK FOR GIRLS • 128 pages • 10'6

(Price applies to U.K. only)



# THIS WIDE WORLD

## BRIEFLY . . .



Thousands of boys and girls in Ohio are to take courses in how to deal with emergencies caused by floods, tornadoes, and other disasters.

### Ready for Snow

Road tankers which in summer sprinkle Moscow's streets with water, have now been fitted out for clearing snow.

With new equipment, astronomers at Riga, Latvia, have taken nearly 2,000 photographs of 30 artificial satellites in orbit round the earth.

The boys of Brixham Secondary School are to be given a motor boat and sailing dinghies by the Devon County Council.

For a film featuring the Loch Ness Monster, a 30-foot electrically controlled "monster" has been made.

### Back Home

When the gear-lever of his hand-controlled car became stuck in reverse, an Australian, paralysed in both legs, had to drive backwards for nearly 50 miles.

The Himalayan peak of Khinyang Chish (25,762 feet), once considered unclimbable, is to be tackled next April by six men who will travel overland from Britain, led by a young man from Leeds.

A radio-controlled miniature steam locomotive was on view recently at the Stourbridge and District Model Railway Society's show (Worcestershire).

### Wedding Reception

At the marriage of two Dorsetshire ornithologists, guests were asked to throw bird seed instead of confetti.

Nagaland, home of 370,000 people, has become the 16th State of the Indian Union.

British Summertime next year will begin on 22nd March and end on 25th October.

### Steam-roller "Pet"

A Westmorland County Council worker who recently retired asked to buy the steam-roller he had driven for the past ten years. The Council let him have it—for £70.

## NOUVELLES DE FRANCE

Ce n'est peut-être pas très légal, mais c'est en tout cas efficace. M. Lerailler, le commissaire de police de Mitry-Mory (Seine-et-Marne) se transforme tous les jeudis en pion pour surveiller les enfants en retenue.

Sous l'oeil sévère d'un gardien en tenue, les écoliers et écolières pris en flagrant délit d'imprudence, ou de contravention au code de la route, viennent copier cinquante fois: "Je ne traverserai pas les rues dehors des clous."

"J'attendrai le feu rouge pour changer de trottoir."

"Nous ne monterons plus a trois sur un vélo."

A 10s. 6d. book token will be awarded for what the Editor considers the best translation received by Wednesday, 18th December. Send to: Nouvelles de France, Children's Newspaper, Fleetway House, Farringdon Street, London, E.C.4. 23rd November winner: Alan Foreman, 22 Malvern Avenue, Frenchwood, Preston, Lancs.



## WILD LIFE PRESERVERS

A Unesco mission led by Sir Julian Huxley has been studying the problem of preserving Ethiopia's wild life.

Certain animals found only in Ethiopia—the ibex, mountain nyala (a kind of antelope), the wild ass, and the Semian fox—are becoming very rare. And immediate steps are needed to stop the illegal killing of thousands of panthers, lions, Colobus monkeys, antelope, and other animals.

The mission travelled by car and plane over most of the country seeking sites for national parks, where animal and plant life could be protected. Recommendations have been made to the Ethiopian Government.

## AIRCRAFT PARK

The Swedish Air Force has come up with a novel way of creating emergency airfields. Roads in selected areas have been widened and provided with parking places for aircraft.

## STONE AGE WORK STUDY

To find out how our Stone Age ancestors worked, a party of history students from Moscow and Leningrad universities set up camp in a remote part of central Siberia.

Under the guidance of an archaeologist, they learned how to make stone tools and to start a fire by rubbing sticks together. Their chief aim was to discover how long it took primitive men to do these jobs.

## CLIVE'S PROFIT

A one-man souvenir factory is run by 16-year-old Clive Langran, of Dublin, in his spare time.

Clive plans to take his Leaving Certificate next year, but he still finds time to produce hand-carved wooden ashtrays, paper knives and salad bowls for the city's souvenir shops.

He gets up early so as to spend a few hours in his workshop at the back of his home before going to school.

His biggest thrill was when he had a letter from an hotel manager in Minneapolis, USA, placing an order for a dozen ashtrays.

Clive netted a clear profit of £150 last year from his hobby, but he does not intend to make souvenir-making his career.

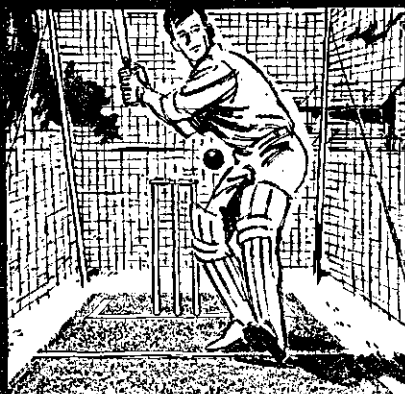
"It is only a hobby," he says. "I intend to make a career in aeronautical engineering."

## well! WHAT D'YOU KNOW...



### LAYING SAFE!

The new C.S. "Mercury", the world's fastest ship for laying under-sea telegraph cables, is equipped for extra safety with Dunlop "Seafarer" self-inflatable liferafts made of fluorescent water-proof fabric. Each raft is designed to carry up to 20 men, they are specially insulated to give protection at temperatures as low as -40°C.



### RUBBER CRICKET PITCHES!

Who'd imagine that material used as flooring in buildings would make super cricket pitches? But many cricketers are now practising on "Fleximers"—rubber latex and Portland cement composition—developed by the Dunlop Company, Semtex Ltd. These last longer than coconut-matting pitches and don't have to be stored away in winter.



### COLLAPSIBLE FIRE FIGHTERS

Giant rubber water bottles—Dunlop Collapsible Containers—are being used for fire fighting in the Australian bush. Quickly mounted on Land Rovers they are filled with 150 gallons of water and rushed to danger spots. When not in use they are rolled up for easy storage.

# DUNLOP

SYMBOL OF PROGRESS



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## LOOK AND LEARN

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The educational magazine for the older child to make learning fun. 28 large pages of superbly illustrated features.

## TREASURE

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Full of colourful and exciting pictures. The magazine that starts young children on the road to Looking and Learning.





## WHAT DO YOU THINK?

A MONTH ago I wrote in this column about girls wishing they were boys, and I said anything they can do you can too. Now I've heard about some boys in a girls' world, which I think will interest you. (See *Ballet Boy* and the last item on this page.)

It's strange that girls not only want to do as the boys do, but dress like them, too, while the boys look more prettily dressed every day, with their fancy-cut suits, stylishly pointed shoes and distinctive hair-do's.

Maybe the boyish-looking short-haired girl in sweater and jeans lacks glamour, so the boys feel a need to supply it themselves.

What do you think? Do please write and tell me your views on the current dress and hairstyles of the boys you know. I'd love to hear from you . . .

# SPECIALLY FOR GIRLS

And while on the subject of dress and hairstyles—how do you rate the two models pictured below? The dresses have been specially designed so that girls can go straight from the classroom to a date looking really smart and not feeling uniform-conscious. With a crisp, clean blouse, this type of frock is very flattering.

I like their pretty hairstyles, too.



Top marks for these newest school fashions by Pendle Promotions



One boy among 130 girls!

too," says Michael. "They pulled my leg until I threatened to thump 'em. Now, I think they envy me, because I'm the only boy among 130 girl students. I prefer dancing to any sport—it's a lot tougher."

Michael spends eight hours a week at ballet classes, and practises at home for an hour every night. This is in addition to his ordinary school work.

Already he's passed four dancing exams with honours, and is being groomed for a place at the Royal Ballet School.

Also learning girls' work are boys of the Woodhouse Secondary

School, Leeds. They spend three hours a week on a Home Management course introduced by their headmaster, who thinks boys should learn how to fend for themselves.

They are given money with which to shop before cooking a meal. They're also taught how to wash and iron clothes and they learn family health and hygiene.



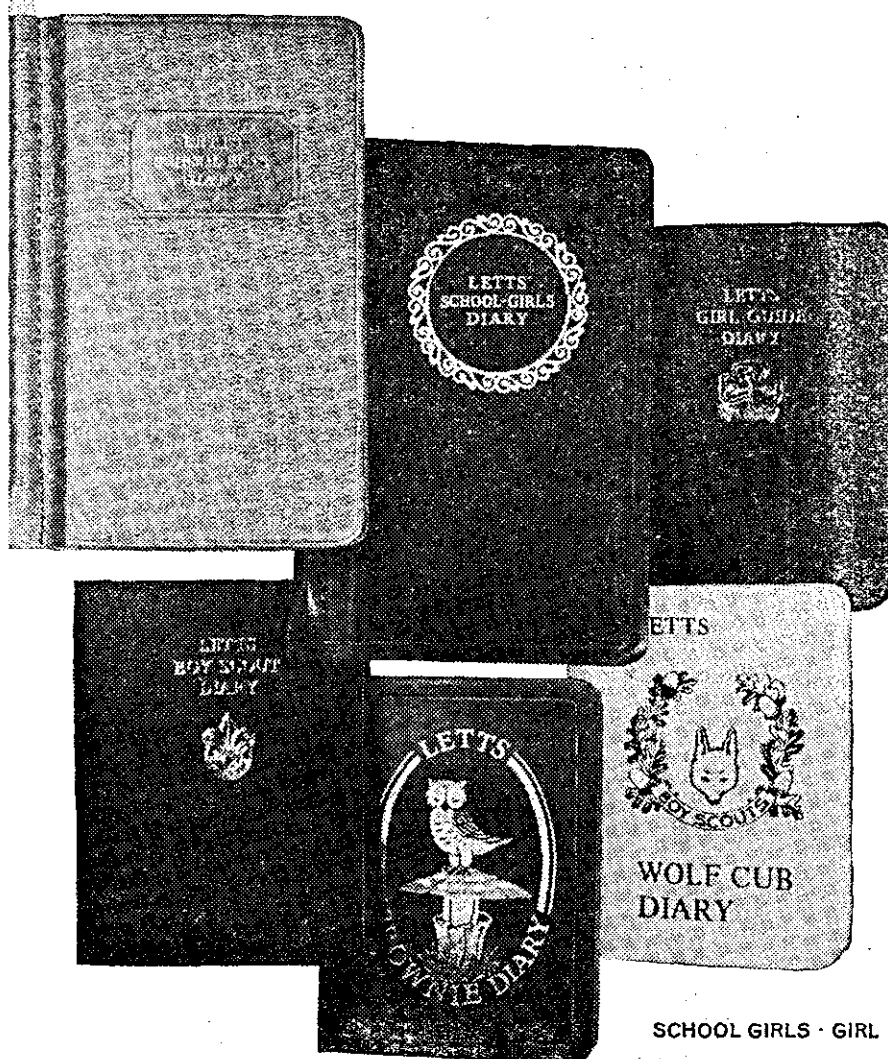
AMONG the girls (pictured above) are boys of a Secondary School at Brandon, Suffolk, who have turned down gardening and woodwork lessons to take up cookery. Some want to be chefs when they leave school. An added attraction is that they can eat what they cook, so they're unlikely to make a hash of things!

*Vicky*

## BALLET BOY

MICHAEL REARDON, a 13-year-old boy of Rotherham, Yorkshire, surprised his parents when he first told them he wanted to be a ballet dancer.

"My school pals were surprised,



## LETTS help you remember

You really can't remember it all. If only someone would buy you a LETTS DIARY this Christmas, life would be so much easier. LETTS 1964 diaries are in your stationers now and selling quickly. Ask your parents to go along there to choose the diary you want while stocks are available.

SCHOOL GIRLS · GIRL GUIDES · BROWNIES · SCHOOL BOYS · BOY SCOUTS · WOLF CUBS



# TAKE A LOOK AT NATURE



## OUR FRESHWATER SHARK

The pike, which is by far our largest true freshwater fish, has been called the shark of the lake and the terror of the river. It is probably responsible for eating more varied creatures than any other fish.

If you have managed to get a close look at a fair-sized pike—perhaps in a glass case—you will have noticed its formidable array of large, needle-sharp teeth. But have you also noticed its wonderful streamlining, which enables it to make such swift darts at its prey?

The pike will take fish of almost any species, including its own

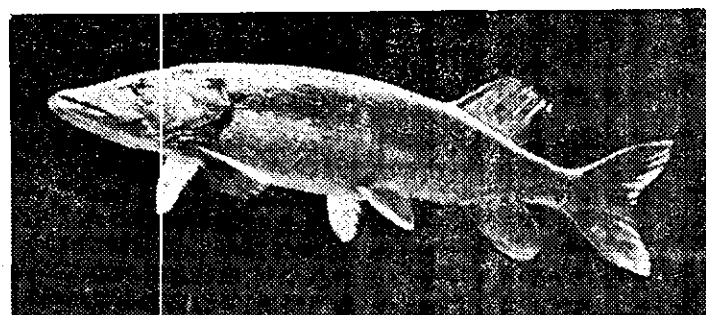
I have no doubt that other naturalists and anglers could add to this list.

One often hears stories of pike being caught on bread paste, but I do not think this shows that these particular pike are vegetarians! What happens is that a

but really it was the little fish that were responsible.

My best pike story occurred some years ago when I was taking a friend and his wife for a row on one of the famous Norfolk Broads, which are noted for the numbers and size of the pike they hold. My friend's wife was idly dangling her hand in the water as we went quietly along.

Suddenly she let out a shriek and whipped her hand out of the



The pike: a wonderfully streamlined fish of prey

kind. I once caught quite a small one—about 1½ lb.—which disgorged a baby pike measuring three inches! Much larger pike have been known to be seized by really big specimens.

I was looking at my notes the other day to see how many different kinds of animals—other than fish—I had jotted down as being taken by this hungry species. I found that I had evidence of ducklings, young moorhens, and coots; water voles, aquatic beetles, and earthworms. I also had a note of a grass snake being taken from the stomach of a dead pike.

fisherman casts his paste-baited hook near where a pike may be lurking. Small fish are attracted to the bait and the pike's keen eyes see the movements of these fish. There is a dash and a snap, and the pike will hook itself. The angler may think that the pike was caught feeding on the paste,

water saying that something had bitten her; and there, for evidence, were several quite long scratches on her fingers.

Yes—pike are not fussy about going for anything that catches their attention and is moving! Luckily that pike wasn't a big one!



## HOW WE RUN OUR COUNTRY

### PARLIAMENTARY CANDIDATES

At each election the various parties put forward their own candidates, though it is also possible to stand for Parliament without belonging to any party.

Such candidates are called Independents but very few of them ever get into the House of Commons. This is because most people prefer to vote for someone who supports a definite political party.

Party candidates are chosen by the constituency associations.

In all three major parties, if the present MP for a particular constituency wishes to stand again at the next general election, he is

usually allowed to do so. An example of this is Mr. Percy Wells, who was elected Labour MP for the Faversham constituency in 1945. At the general election of 1950 he wished to stand again and did so, and again in 1951, 1955 and 1959.

Now let us look at how new candidates are chosen. The method in the Conservative party is for party headquarters to submit a list of names to a

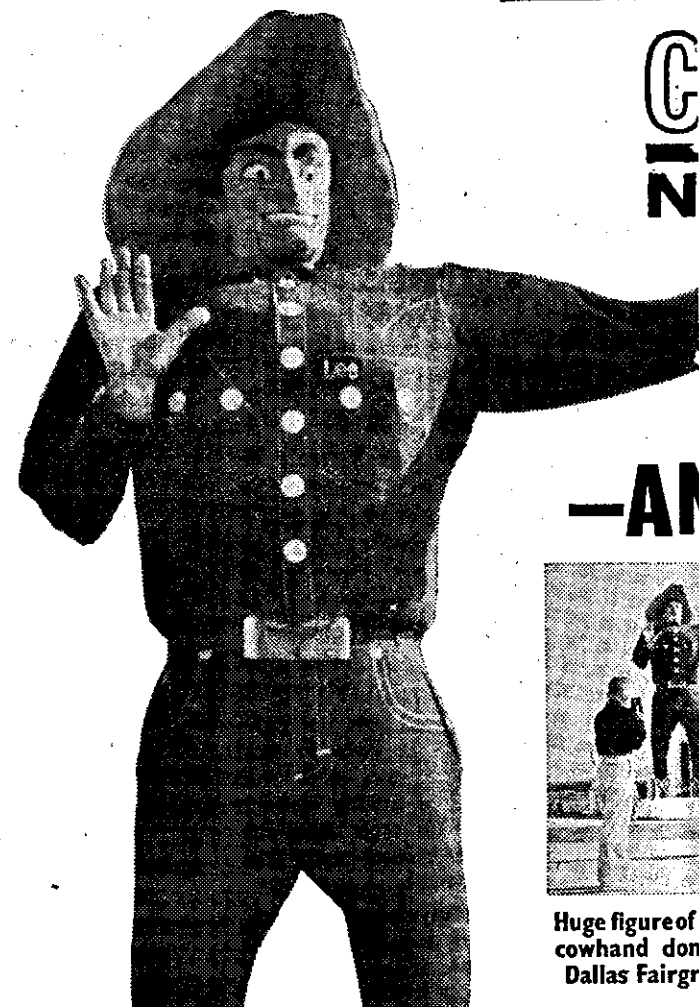
selection committee appointed by the constituency association. The names of some local party members are also submitted. The selection committee then chooses a number of candidates for interview and the best of these candidates are sent to the main committee of the constituency association—the executive committee. The candidate chosen by this committee is recommended to a general meeting of the whole constituency association and he becomes the new Conservative candidate.

The procedure in the Liberal Party is similar, but that followed by the Labour Party is somewhat different.

In this case names are suggested by various organisations, by the party headquarters and by the executive committee of the constituency association concerned. The executive committee then chooses some of the names and puts them before the general committee of the constituency association. A selection conference then takes place and this is usually attended by a representative of party headquarters. One of the candidates is then chosen and this candidate must be approved by the national executive committee.



Party candidates are chosen by the constituency associations



Huge figure of a cowboy dominates Dallas Fairground

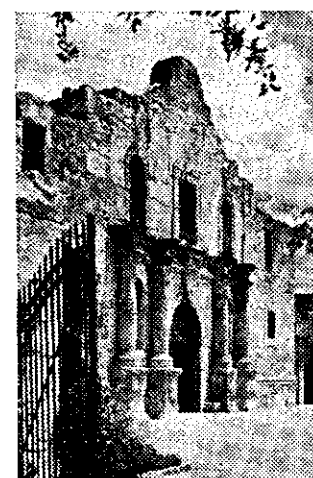


▲ Overlooking Dallas: second largest city of Texas (680,000 people), Dallas is a major cotton market and has the largest State Fair in the USA

Entrance to bridge across the Rio Grande, the Texas and US frontier with Mexico



◀ Old Franciscan chapel at... —scene; in... of a mass... American se... in what was Mexican ter...





14th December, 1963

# CN PANORAMA

## News in Pictures



### TEXAS AND THE GUN LEGEND

ALL the world has learned from American movies and Wild West books that a Texan is a man with a gun. A ten-gallon hat and a string tie go with it, and uncountable numbers of boys have at one time or another worn this uniform.

On this page we show some pictures to remind us that Texans do more important things than fire off six-shooters, and that the Lone Star State (so called from its flag) has many reasons to be proud of itself.

Unfortunately, Texans have (or had foisted on them) a reputation for shooting first and thinking afterwards. But since the recent tragedy at Dallas, when a policeman remarked that the gun which killed the President "could be bought in any department store—this is Texas," the idea that "gun" equals "fun" no longer seems so good.

We hope that CN readers agree that the old rule, "never point a gun, even a toy one, at anybody" is a pretty sound one.



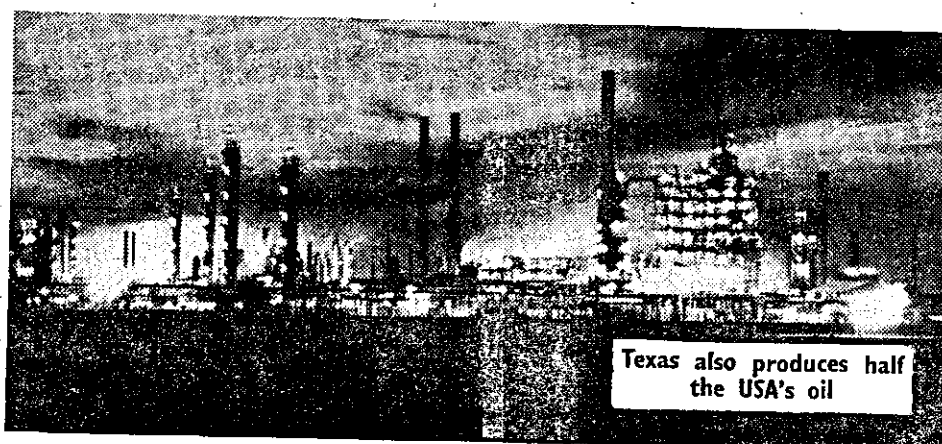
Lyndon Johnson and his wife; the new American President is a Texan



The great ranches of Texas raise more cattle than those of any other American State



In the west and north-west wheat is harvested



Texas also produces half the USA's oil

## STEAM ENGINE THAT FLEW!

THE first aeroplane to fly was powered by a steam engine. The 17th December is the 60th anniversary of the Wright brothers' first flight with a petrol engine. But it was on 6th May, 1896—seven years before—that Samuel Pierpont Langley, another American inventor, launched a model from the top of a houseboat moored on the river Potomac.

It weighed only 25 pounds and had a wing-span of 13 feet, but it was driven by a little steam engine. It rose from the houseboat, glided smoothly into the air, sailed above the trees till the steam failed and the propeller ceased to work. Then it planed down into the river, but was recovered and dried, and set flying again.

Samuel Langley had discovered that an engine will carry a larger weight at 20 miles an hour than at 10, and a still larger weight at 40 miles than at 20.

### Better support

In other words, the faster you move in the air, the better support you will get from the body of atmosphere beneath the machine. If you travel quickly, you can carry greater loads than if you go slowly.

Langley was persuaded to try again—this time to make a machine that would carry a man.

He made one in 1903, the very year that Wilbur and Orville Wright made theirs. Langley's machine weighed 125 pounds with its engine, and Langley could think of no way to launch it but from the roof of the houseboat as before. Unfortunately, something went wrong with the starting mechanism and the machine plunged into the river.

The public poured ridicule upon him, so much that he said, "My life's work is a failure." He died in 1906, leaving his machine as a curiosity in his workshop in the Smithsonian Institution in Washington, where he was a professor.

### First flight

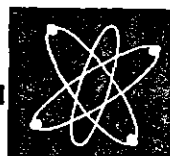
If only Langley had not given up, he could have turned this failure to success. In 1914 his old pupils brought out his plane, fixed floats on it and launched it on the river. The pilot took his seat, the engine hummed as the propeller turned, the aeroplane rose and flew like a bird.

There was the first aeroplane, and it had lain unused for eleven years! Langley's plane had not really been a failure at all, but he never knew it.

He might have been the first man to fly!



# SCIENCE SURVEY



## FOSSILS TELL A STORY

**CAREFULLY** exploring the rocky earth of his native Australia, a 16-year-old student found the fossil of a tortoise or turtle dating back about 200 million years.

The fossil, the oldest of its kind yet seen in Australia, was thought to belong to a species unknown to science.

By his discovery, the student showed that we are constantly learning more about our planet's remarkable history. The study of fossils is the best way we have of finding out about the creatures that lived in the world long before man began writing history books.

What is a fossil? The word means "dug up," and a fossil is nature's way of preserving the shape of creatures that become buried after death.

The bones and hard shell, which is all that would remain, become firmly set in the hard, compressed earth. When these eventually dissolve, they leave a mould that gradually fills with mineral matter, making a perfect cast of the shell or bones.

Impressions of ancient plants are preserved in such a substance as shale. In Antarctica the fossils of fern-like plants have been found in the rock formation, providing evidence that 60 million years ago Antarctica was a warm continent.



This "rest" of dinosaur's eggs was found in Mongolia

By studying fossils, we have learned about evolution—the belief that life began with simple creatures (something like jellyfish) and developed into the many forms we have today.

The study of fossils, or palaeontology, to give it its scientific name, is a fascinating subject. But fossils have a more down-to-earth use, too. At this time of the year many of us have fires piled high with them—for coal is simply fossilised vegetation.

## BIGGEST RADIO TELESCOPE

The biggest radio telescope in the world has just started working on the island of Puerto Rico, in the West Indies. It has a huge inverted "dish" 1,000 feet wide and 158 feet deep.

Run by American scientists, the telescope can detect radiation from stars millions of light-years farther from Earth than any that have been reached before.

The observatory will also be used as a radar unit to find out more about the mysterious ionosphere, the layer of thin, electrically-charged air that begins about 50 miles above the Earth's surface and reflects long-distance radio transmissions.

The unit will also be able to bounce signals off the nearest planets and the radar beams will pierce the clouds shrouding Venus.

## RADAR FOR THE BLIND

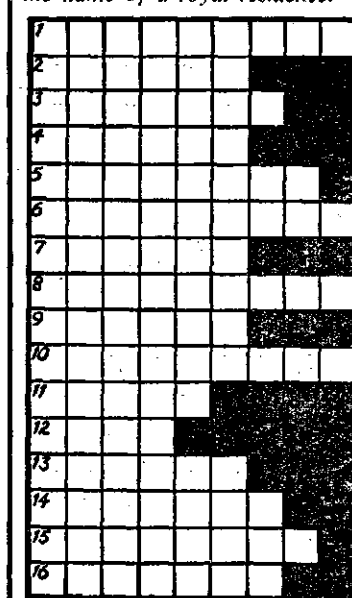
Ten new echo devices for blind people have been acquired by St. Dunstan's, the training centre at Ovingdean, Sussex.

Each device consists of earphones and a hand-held probe. The probe emits a narrow beam of ultrasonic energy which rebounds from solid objects in the walker's path. He hears these echoes in the earphones, and, according to their pitch and loudness, can judge where, and how near, the obstacles are.

The tones in the earphones do not interfere with the user's ordinary hearing.

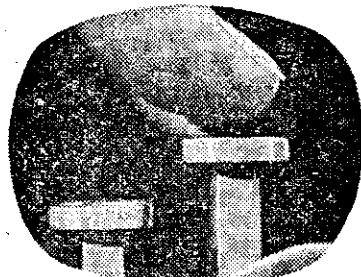
## ROYAL ACROSTIC

Answer the clues and the initial letters, read downwards, will spell the name of a royal residence.

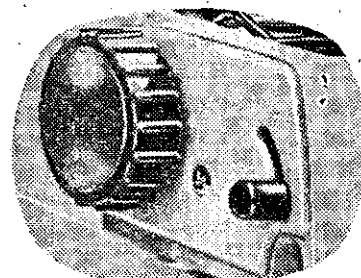


- 1 It sails under the sea
- 2 Patron saint of Scotland
- 3 Cathedral city of East Anglia
- 4 Electricity generator
- 5 18th-century British painter
- 6 Chickens are hatched in it
- 7 Seed used as a spice
- 8 For holding coal-gas
- 9 British wasp
- 10 Biggest of the sea-birds
- 11 Man who hoards money
- 12 Religious song
- 13 Capital of Canada
- 14 Fabulous one-horned animal
- 15 White vestment
- 16 World's highest mountain

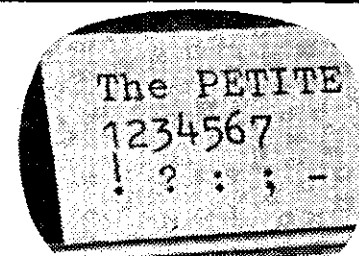
Answer on page 12.



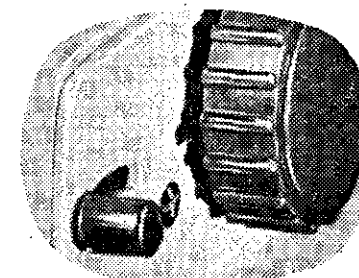
\* light touch on all keys for speed



\* paper release and adjuster



\* types small and CAPITAL letters, figures, fractions and punctuation marks



\* carriage release with safety ratchet

**petite**  
TYPEWRITER

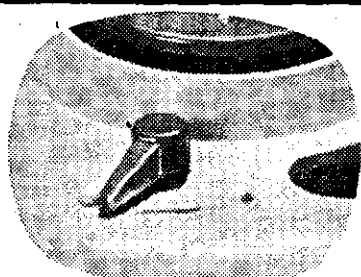
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\* ribbon reverse for even wear and long life

*Ask Dad for one this Christmas!* **AT ALL GOOD TOY SHOPS**



The Children's Newspaper, 14th December, 1963

9

# Conclusion of CN'S special picture serialisation of William Shakespeare's famous "fairy-tale" play **A Midsummer Night's Dream**



King Oberon had first cast his spell on Queen Titania to teach her a lesson for refusing to give him one of her page-boys. Now he breaks the spell for her, as he has done for several unfortunate human beings wandering in his enchanted wood...

"Congratulations, my Titania," laughs Oberon. "I see you bestow your crowns on the most noble foreheads!" No longer under a spell, Titania now sees the ass-headed Bottom for the first time and rushes to Oberon's side crying: "Save me from that loathsome beast!" Artfully Oberon asks: "That page-boy we quarrelled about... is he to remain with your court or come to mine?" "He's yours! All yours!" Titania tells him. (Bottom can't think what's happened.)



"My sweet Lord," murmurs the lovely Titania, "I've had a strange dream. It seemed to me that monstrous ass was a charming young man! Now the whole idea makes me shudder. What's been happening?" "Don't worry," says Oberon, with a smile. "It was only a midsummer night's dream. One in which some mortals, too, have been sharing. Come and help me waken them so there's harmony again in our wood. Then we'll start dancing. Come! You too, Puck."



The Duke is very pleased to hear about this and orders great festivities for the day of the triple wedding. But when the Duke is presented with a Dramatic Company's programme by his Master of Ceremonies, he's not too pleased with the idea of having them act out the tragic death of "Pyramus and Thisbe." This he thinks a most unsuitable choice of play on such a happy occasion as three weddings. However, he finally agrees to let it be staged for them.



"Clear off!" orders Oberon, "or I'll give you an ass's tail as well as head!" Poor Bottom! He tries to speak, but nothing more than a loud "Hee-haw" comes from his lips, making all the elves and fairies titter and laugh (which sounds like the faint rustling of leaves). Bottom, who was no brave-hearted lion in real life, finds there's little left for him to do but leave. When he does so a few seconds later, Oberon relents and gives him back his human head.



Hundreds of pairs of fairy eyes watch Hermia, Helena, Lysander and Demetrius as they waken. Previous events are vague and shadowy. Once more Hermia and Lysander are in love, and Helena and Demetrius reconciled. What happened? they ask each other. Was it all real, or a dream? Then Demetrius asks Hermia's father to release him from his promise to marry her—which he does. Now all is well and both couples decide to marry on the Duke of Athens' wedding day.



Although a sad story, the stupidity and bad acting of the players turns it into an hilarious comedy and all the guests are soon in fits of laughter. At the end, the newly-wed Duchess of Athens throws a rose to the chief actor—Bottom (who after what had happened to him in the wood decided not to be a lion but played "Pyramus" instead). So all the guests enjoyed the play—and the actors, too, who are too simple to realise they've turned tragedy into comedy!



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# WORLD OF STAMPS CHRISTMAS ISSUES

LAST year, for the first time, the United States Post Office issued a special stamp for use on the Christmas mail. This was so popular that some post offices ran out of supplies.

This year the US Post Office is taking no chances. It has issued more than twice as many special 5-cent stamps for use during the Christmas period.

by C. W. Hill



Pictured here is the design of the 1963 issue. It shows the giant Christmas tree which stands, aglow with lights, outside the White House, in Washington. A distant view of the White House, the home of the President, is shown at the left-hand side.

Colours are green, red, dark blue, and white. The design is the work of an Austrian-born artist, Lily Spandorf, who now lives in the United States.

Every Christmas thousands of

Americans pack all their Christmas mail into parcels which they send to the postmaster of a little village in the State of Indiana. The postmaster is asked to unpack the parcels and post the Christmas cards and letters at his office. In this way all the mail receives the village postmark of "Santa Claus."

Several other American towns and villages with seasonable names also receive huge quantities of mail to post at Christmas. They include Bethlehem, in the state of Pennsylvania, and Christmas, a township in Florida.

From Australia, too, comes a special 5d. stamp for paying the postage on Christmas cards. Its design, pictured here, shows a



bright star shining above the world. "Peace on Earth, Goodwill to Men," reads its Christmas message. The stamp is blue.

New Zealand and Austria have also issued stamps for the Christmas mail. The designs show the Holy Family in the stable at Bethlehem on the first Christmas Day. The Austrian stamp, a 2-schilling value, is pictured above.

## CHRISTMAS COMPETITION

THE Christmas holidays might be a good time to think about entering the annual Essay Competition run by the World Association of Young Stamp Collectors. The subject of this year's essay is "Should British stamps always include the Sovereign's portrait?"

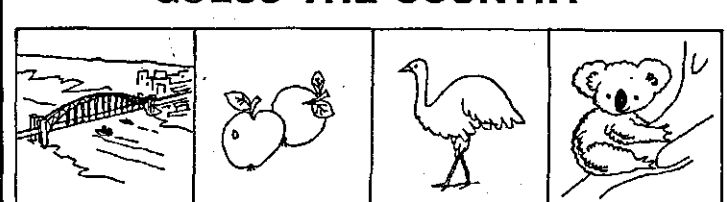
Entries will be judged in four age-groups, to give everyone more of an equal chance, and last date for entries is 31st January, 1964. Full details of the competition can be obtained from the Organising Secretary, Mr. H. Elliot Pearse, 59 York Street, Twickenham, Middlesex. Please enclose a 3d. stamp for his reply.

## PICK A PUZZLE

### DO YOU KNOW? WORD-CHANGING

What is another name for mercury? Can you change the word SEED to FILL in four moves, altering one letter at a time, yet always forming a complete word?

### GUESS THE COUNTRY



The four objects pictured above should suggest the name of a Commonwealth country. What are the objects—and which country is it?

### ALL AT THE SEASIDE

Can you pair off the words in the first line with those in the second line, to form the names of eight seaside resorts in Britain?

Red, Black, Broad, Bar, Swan, Vent, Mar, Mine.  
sea, head, gate, stairs, car, pool, mouth, nor.

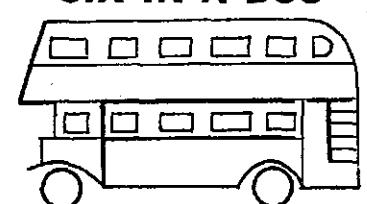
### ALL SQUARE

The answers to the four clues will, if written below each other, read the same down as across.

Roman garment.  
Verbal.  
Ancient European country.  
Friend.

Answers to Puzzles are on page 12.

## SIX IN A BUS



Six letters have been used to mark the features of this bus. When you have found the letters, see how many words you can form from them.

## STATE NAMES

Here are the abbreviated names of ten of the United States of America. Can you give each one its full title?

Ark, Mo, Ill, Calif, Fla, Tenn, Wis, Va, Ky, Conn.

## LANDS IN QUESTION

With which countries do you associate the following garments?

Sari, kimono, mantilla, sporrn, burnoose.



## C N fiction

CONTINUING A THRILLING STORY OF THE GOLD RUSH DAYS IN CALIFORNIA

# BY THE GREAT HORN SPOON!

When Praiseworthy, Aunt Arabella's butler, found out that young Master Jack planned to run away to the goldfields of California and seek a fortune, he decided to go along with the boy as his partner. Unfortunately, their passage-money was stolen, so they boarded the *Lady Wilma* as stowaways.

Once the ship was at sea, they gave themselves up. Now they are working their passage in the boiler-room, shovelling coal for all they are worth to help Captain Swain race a rival ship, the *Sea Raven*.

And Praiseworthy is determined to find the thief who stole their passage-money. He is convinced he is on board the *Lady Wilma*...

### 2. The thief is found

**A**FTER many days the *Lady Wilma* entered the southern latitudes. Passengers began to shed their greatcoats, and in another week they were down to their shirtsleeves.

The boiler-room was becoming distinctly oven-like. But the heat did not bother Jack—for every turn of the paddlewheels brought the far country a bit closer—and every day counted.

It was fine with him that Captain Swain was making a race with the *Sea Raven* around the Horn. Still, it would be months before the *Lady Wilma* dropped anchor in San Francisco bay. There would hardly be time enough to complete the voyage, reach the mines, make a fortune and return to Boston, before Aunt Arabella had to sell everything.

"This infernal firebox," Praiseworthy said, wiping the sweat from his face. "We must think of a plan to get out of here. We must find the rogue who light-fingered our passage-money."

Meanwhile Jack began a letter home:—

DEAR AUNT ARABELLA  
DEAR CONSTANCE  
DEAR SARAH,

By this time you have found my note on the tea service and learned that Praiseworthy and I have joined the gold rush to California. I am writing this at sea. Please do not worry, as we are well and happy and getting plenty of good exercise.

Praiseworthy wants to be sure to be remembered. We are partners. We intend to come sailing back to Boston in a year. We will be rich as can be.

We have live animals aboard! They will provide fresh meat during the voyage. I have made friends with the smallest pig and named him Good Luck for good luck. Praiseworthy says pigs are very smart.

I will leave this letter unfinished for now—

**T**HE following day, towards dusk, Jack was washing up when Praiseworthy was struck as if by lightning.

"Master Jack!" he exclaimed. "You have it!"

"Have what?" answered Jack, looking up. He had had Good Luck with him in the boiler room, and now even the pig was covered with coal dust.

Praiseworthy's eyebrows shot up with delight.

"We'll catch the thieving scoundrel at last! You've hit it, Master Jack!"

Jack couldn't think what he'd hit, but, the next thing he knew, he was following Praiseworthy like a squirrel up one ladder and then another to the pilothouse.

Captain Swain turned and gave the two intruders a weather-beaten squint. His temper, if not the growl of his voice, had improved with the weather.

"How's the voyage agreeing with you, my hearties?"

"No complaints, sir," said

Praiseworthy, "but you may recall that Master Jack and I suffered a slight misfortune at the very outset of this voyage, when a thief made off with our funds. Master Jack here has hit upon a scheme to expose the rascal."

"Me?" said Jack.

"If you will have all the passengers assembled in the main saloon after dark," Praiseworthy went on, "we'll know very soon whether or not you have a clever thief aboard."

"By grabs," said the captain thoughtfully. "It's worth a try."

**W**HEN the sea turned black, the whale-oil lamps were lit in the main saloon. And when all the passengers were assembled, the captain made a grand entrance, puffing on a twisted black cigar, and with his long coat flapping almost to his knees.

"Gentlemen," he said. "I'll get to the point. I am told there may be a thief among us. We can't have that now, can we?"

"No!" roared out the gold-seekers, giving their purses and money belts a reassuring touch.

"We'll string him up!" yelled a big fellow known as Mountain Jim.

The captain held up a hand to stop the voices.

by

Sid Fleischman

"This thief has already struck. He lifted the savings of Mr. Praiseworthy and his young partner. He may strike again. Any one of you may be his next victim. So I'll now let Mr. Praiseworthy explain how best to catch this rogue."

At Praiseworthy's signal, Jack led a big black sow to the centre of the saloon and tied her up.

"A pig is a smart animal," Praiseworthy explained. "And we've discovered that this sow can tell a dishonest man by the mere feel of him! If the thief so much as touches her, she will squeal. Now, if you will line up, gentlemen, we'll get on with it. After the lamps are blown out and the saloon is dark, come up to the sow one by one. Touch her with your right index finger. When she squeals we'll have our thief!"

When finally the whale-oil lamps were relit, the black sow hadn't uttered a sound. She stood in the centre of the saloon wondering what all the fuss was about.

Captain Swain stepped forward, scratching his beard as he looked about at his passengers. Then he turned to Praiseworthy.

**"L**OOKS like you made a mistake," he said.

"One moment," said Praiseworthy. "Master Jack and I took the liberty of powdering this black sow with coal dust. If each of you will now examine your right index finger, where you touched her hide, you will find a smudge." He paused. "All but one of you, who feared that the sow's squeal would give you away. One of



you approached but didn't touch a finger to her back. If there is a man among you without coal dust on his finger—he has exposed himself as the thief!"

Almost at once there was an outcry from one corner of the saloon. "We got him! It's Cut-Eye Higgins, the judge!"

"Look there! His finger's clean as a whistle!"

The miners had their own ideas of justice and the suggestions went flying around the saloon. But Captain Swain already had his mind made up. "Take him to the coal bunkers!" he roared.

Later, a search of the judge's cabin brought to light the stolen money—and the fact that the thief was an impostor. Cut-Eye Higgins was no judge...

**J**ACK and Praiseworthy moved their carpetbags into a cabin shared by six others. Among them was Dr. Buckbee, a peg-legged horse doctor. He was going out to the mines to locate a rich gold deposit.

He had a map, he whispered, that marked the very spot. At the same time he carried an alarm trumpet around his neck, day and night, in case anyone tried to take the map from him...

Jack began to dread Sunday dinners, for it was bound to be Good Luck's turn on the menu soon.

And then, with Rio de Janeiro only a few days away, he saw the cook leave the galley with a heavy meat cleaver in his hand!

Without a second thought, Jack went sliding down the nearest ladder. When the cook arrived

"There's the boy! Where's my pig?" cried the cook.

at the animal pens, the porker was gone, and so was Jack.

"It's that boy!" the cook shouted, waving the meat cleaver. "Pigs is for eatin', not for pets!" Soon, even the gold-seekers joined in the pig hunt, for the promise of fresh pork made their mouths water.

They looked everywhere but the captain's stateroom; which was fortunate, for Jack and Good Luck were hiding behind the open door.

Just then the captain himself could be heard approaching along the passageway. But, when he entered his cabin, there was no sign of pig or boy.

Captain Swain hung up his blue cap, yawned and took a nap. When he was sound asleep Jack and Good Luck crept out from under the bunk, where there was hardly room to breathe.

Jack looked around, then made for his own cabin, with Good Luck trotting along behind.

**O**NCE in his cabin, Jack stopped short. Dr. Buckbee was stretched out for a nap and snoring loudly. Moving on his toes, Jack approached his hammock. He would wrap Good Luck in a blanket and hide him in the hammock.

But when Jack turned, his breath caught again. The porker had his two front hoofs on Dr. Buckbee's bunk and had leaned his head closer to see what all the snoring was about.

The horse doctor awoke. He found himself staring into a

strange, grunting face. Thinking he was being set upon by map-robbers, for he was more asleep than awake, he began to blow on his tin alarm trumpet.

"It's only us, Dr. Buckbee!" Jack cried, but he couldn't be heard over the blare of the horn. There was no way out of the cabin but the door, and it was too late for that.

Quickly, Jack got his arms around Good Luck, climbed on a sea chest and tried to stuff the porker through the brass porthole. But Good Luck got stuck half in and half out.

"You're done for now!" exclaimed Jack.

Praiseworthy, hearing the alarm trumpet, was first in the cabin.

"What's this?" he said, sizing up the situation quickly. "A pig in a porthole?"

"Have you seen the cook?" asked Jack desperately. He was still pushing against the pig's fat rump.

"A few paces behind," said Praiseworthy, opening his black umbrella. "Step aside, Master Jack."

When the cook entered, together with several gold-seekers, there was no pig to be seen, for Praiseworthy stood directly in front of the porthole—with his umbrella blocking the view.

By then Dr. Buckbee had stopped trumpeting.

"Robbers!" he exclaimed. "Trying to get my map! I almost caught one of them. A big fellow with fat cheeks!"

"A mere dream," said Praiseworthy.

The cook raised his meat cleaver and shouted, "There's the boy! Where's my pig?"

"Pig? What pig?" asked Praiseworthy, turning to Jack. "Master Jack, do turn your pockets inside out. Our chef seems to think you have a pig about you!"

The gold-seekers began to laugh. "There's no robber in here—or pig either. Come on, boys."

But the cook turned at the door, squinting at Praiseworthy.

"It's none of my business," he said, crossing his fat arms. "But do you stand under that umbrella even indoors?"

"This cabin leaks shamefully," answered Praiseworthy.

"But it ain't raining."

"One can never be too careful in these latitudes," said the butler. "Good day, sir."

**J**ACK stuck his head through the porthole and looked around. There wasn't a soul in sight, or a pig either. Jack left the cabin and ran out on deck, where he found one of the passengers called Mountain Jim seated on an overturned barrel and playing "Oh! Susanna" on a mouth organ.

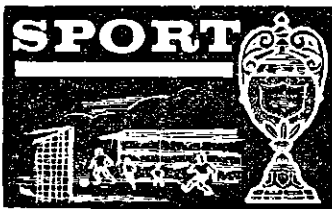
"Have you seen a black pig, sir?" asked Jack, out of breath.

"Seen him?" the mountain man grinned. "Why, boy—I'm sittin' on him." And he tapped the side of the barrel with his harmonica.

Jack wiped the sweat off his forehead and began to smile.

Continued on page 12





# SOUTHGATE STUDENTS AT— GOLF

**SOUTHGATE** Technical College, in North London, is only a few months old—it was opened in September. And as it is a modern seat of learning, a modern way of life has been introduced. For here, sport is part and parcel of the weekly curriculum, as it is in most educational establishments; but the big difference is that it isn't a "foisted" sport, such as being herded off to the football or hockey grounds whether one enjoys these games or not. At Southgate, the students can choose their own particular brand of sport.

Of the 4,200 students attending the college, 400 are full-time. Their day begins at nine o'clock and goes on till a quarter-to-five in the afternoon. But on Wednesday afternoon, classroom study gives way to recreation—horse-riding or ballroom dancing, golf or drama, judo or soccer.

Proof of the growing popularity of golf is seen in the number of Southgate students who were eager to go for coaching. And they are unusually lucky, for they go to the South Herts course, which has been put at the College's disposal by the great Dai Rees, nine times Britain Ryder Cup player and the professional at the course. Dai himself cannot always be present, of course, but then the Southgate students are left in the very capable hands of his assistant, Richard Davies.

The other afternoon I went to the course to see a College group "in action." It turned out to be one of those horrible afternoons of

By the  
Sports Editor



David Cappleman leads the way with a practice swing

A good stroke by Gillian Birks



Richard Davies corrects the grip of Christopher Thorne while he and Diana Fulkes use an iron

murk and drizzle which shrouded the 100 acres of the course in gloom. Play was out of the question, and lessons were at the indoor nets.

The students, however, were eager to have just a few minutes on the green—practising driving and putting. So, with the master in charge of the party, Mr. A. E. Foster, we squelched our way to the nearest green.

Mr. Davies first had all the students in a semi-circle while he demonstrated the art of swinging a club. The students followed suit. Then there came a spot of putting, and it was evident that the students had absorbed their previous instruction well.

The murkiness increased and then came rain, so back we trooped to the nets. And it was there that I was able to talk to some of the students.

Most of them had an idea of what they wanted to do when starting a career. Among the boys, engineering held pride of place. David Collins, a 17-year-old taking his Ordinary National

Diploma, wanted to graduate from "general engineering to electronics"; another David, also 17—David Cappleman—taking his Pre-National Diploma, aims to become a toolmaker, while Stephen Ward (16) is looking forward to a career as Design-Sales Engineer. In direct contrast to them is Christopher Thorne, a 16-year-old who is deeply interested in music.

"I'm trying for my GCE at 'O' Level," he said. "When I leave the College, I hope to make composing my career."

When asked what sort of music he wanted to compose—"Bach, Novello, or Beethoven?"—Chris smilingly refused to be drawn.

Two of the girls, 16-year-old Diana Fulkes and Gillian Birks (17) were, perhaps not surprisingly, pursuing secretarial courses. While Diana had no immediate plans, Gillian hopes to "get a job with the BBC."

Each student took a turn in the nets while Mr. Davies corrected a fault here and gave a word of encouragement there. Certainly they all enjoyed every minute of their one-and-a-half-hour's instruction.

As I left it occurred to me that perhaps two or three were secretly hoping to make golf their career!

Pictures by Staff Photographer

## BY THE GREAT HORN SPOON!

continued from page 11

After dinner, and well after dark, Jack returned for the pig. A few feet away stood the small stern boat with a canvas thrown over it. He waited until the after-deck was clear of passengers. Then he lifted the barrel, gave the porker a hug and shoved him up over the gunwale of the boat.

Sunday passed without roast pork for dinner and the following night the *Lady Wilma* anchored off the green coast of Brazil.

WITH the coming of dawn, the sidewheeler entered the channel and passed under the fortress guns of Rio de Janeiro. From the pilothouse, Captain Swain hailed the customs boat.

"Is the *Sea Raven* in port?"

"No, Captain. She left us five days ago."

"Then, by grabs, we'll sail tomorrow with the outgoing tide!" When Jack awoke the next morning, the *Lady Wilma* had already put to sea again. After breakfast, he started for the stern boat with table scraps for Good Luck.

Suddenly he heard the blare of Dr. Buckbee's alarm trumpet. A moment later, the horse doctor appeared from a passageway with the trumpet at his lips and his cheeks swelled out like apples.

"MY gold map!" Dr. Buckbee cried, looking the picture of misery. "Gone! Stolen! I'm ruined!"

To be continued  
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## ANSWER TO PUZZLES

(P. 8) Royal Acrostic: 1 Submarine. 2 Andrew. 3 Norwich. 4 Dynamo. 5 Reynolds. 6 Incubator. 7 Nutmeg. 8 Gasometer. 9 Hornet. 10 Albatross. 11 Miser. 12 Hymn. 13 Ottawa. 14 Unicorn. 15 Surplice. 16 Everest—**SANDRINGHAM HOUSE**. (P. 10): Do You Know? Quicksilver; 21st March; a figure having nine sides and nine angles. Guess the Country: Sydney Harbour Bridge, apples, emu, koala bear—Australia. Word-Changing: Seed, feed. All Square: feel, fell, fill. All at TOGA the Seaside: Red-car, ORAL Black-pool, Broad-stairs, Bar-mouth, Swan-sea, Vent-nor, Mar-gate, ALLY Mine-head. Six in a Bus: LFTOOD—from which you can make at least 20 words. State Names: Arkansas, Missouri, Illinois, California, Florida, Tennessee, Wisconsin, Virginia, Kentucky, Connecticut. Lands in Question: India, Japan, Spain, Scotland, Arabia.

